

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, Haoshen Zhou and Itaru Homma. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "NANOCRYSTAL OXIDE/GLASS COMPOSITE MESOPOROUS POWDER OR THIN FILM, PROCESS FOR PRODUCING THE SAME, AND UTILIZING THE POWDER OR THIN FILM, VARIOUS DEVICES, SECONDARY BATTERY AND LITHIUM STORING DEVICE", the specification of which

(Check one) \_\_\_\_\_ is attached hereto

\_\_\_\_\_ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_

  X   was described and claimed in PCT International  
Application No. **PCT/JP2004/016981** filed on  
**November 16, 2004.**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Claimed	
<u>2003-386694</u>	<u>Japan</u>	<u>17 November 2003</u>	<u>  X  </u>	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>2004-271984</u>	<u>Japan</u>	<u>17 September 2004</u>	<u>  X  </u>	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

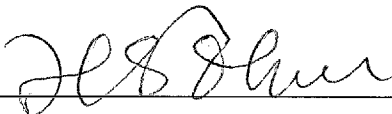
(Application Serial No.)	(Filing Date) (patented, pending, abandoned)	(Status)
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I hereby appoint the following individuals (of Customer No. 00270) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: STANLEY B. KITA, Registration No. 24,561; GEORGE A. SMITH, JR., Registration No. 24,442; MARY E. BAK, Registration No. 31,215; CATHY A. KODROFF, Registration Number 33,980; WILLIAM BAK, Registration No. 37,277; TRACY PALOVICH, Registration Number 47,840; and ROBERT DUMINIAK, Registration Number 51,636.

Address all telephone calls to William Bak at telephone no. (215) 540-9216. Address all correspondence to HOWSON AND HOWSON, 501 Office Center Drive, Suite 210, Fort Washington, Pennsylvania 19034.

I hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of joint inventor: Haoshen Zhou

Inventor's signature  2006. May 12  
Date

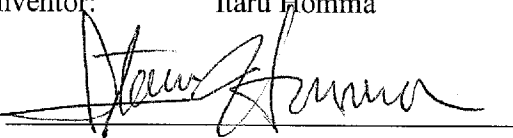
Residence City: Ibaraki Country: Japan

Citizenship: China

Post Office Address: c/o National Institute of Advanced Industrial Science and Technology,  
Tsukuba Central 2 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki, 305-  
8586 Japan

Full name of joint inventor: Itaru Homma

Inventor's signature



May 12, 2006  
Date

Residence City: Ibaraki Country: Japan

Citizenship: Japan

Post Office Address: c/o National Institute of Advanced Industrial Science and Technology,  
Tsukuba Central 2 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki, 305-  
8586 Japan

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR AUTHORIZATION OF ATTORNEY(S) TO ACCEPT AND FOLLOW  
INSTRUCTIONS FROM REPRESENTATIVE

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from:

OGOSHI International Patent Office  
Toranomom 9 Mori Bldg. 3F  
2-2 Atago 1-Chome  
Minato-ku, Tokyo 105-0002  
Japan

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.